

**COMMON FIXED POINT THEOREM FOR R-WEAKLY  
COMMUTING FUZZY MAPS SATISFYING A GENERAL  
CONTRACTIVE CONDITION OF INTEGRAL TYPE**

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**Abstract**

In this paper we establish a fixed point theorems for four mappings  $A, B, S$  and  $T$  of  $R$  - weakly commuting fuzzy maps satisfying a general contractive condition of integral type in metric spaces.

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Key Words: *Fuzzy Mappings, Fuzzy Metric Space, Compatible Mappings, , R - Weakly Commuting Mappings. Common Fixed Point*

2000 Mathematical subject classification: 47H10, 54A40.